

Serial No. Not Yet Assigned
Atty. Doc. No. 2003P17896WOUS
ABSTRACT

10/588025

AP20 Rec'd PCT/PTO 01 AUG 2006

Said method and corresponding device operate on a rotor, on which a substance, emitting quanta of light, is arranged at least one point, a radiation source, by means of which radiation may be emitted onto the rotating vane and the substance arranged thereon, a sensor, by means of which the light quanta emitted by the substance may be detected and an analytical circuit, by means of which the signal from the sensor may be analyzed to determine the vibrational behavior of the vane.